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FLUSH-MOUNTED HINGED WINDOW ASSEMBLY AND
METHOD FOR MAKING SAME
ABSTRACT OF THE DISCLOSURE

A flush-mounted articulated window assembly for use in a vehicle, the
5 window assembly adapted to be mounted in a window opening such that, when
closed, it is generally flush with the exterior surface of the vehicle. The window
assembly includes a transparent sheet with at least one window-mounting member
bonded by two separate adhesives to an inner surface of the sheet. The mounting
member includes projections which space the mounting member from the inner sheet
10 surface, and/or perforations which allow air and moisture to reach the space provided
between the mounting member and the inner sheet surface. A first adhesive
temporarily fixtures the mounting member to the sheet. A second adhesive
permanently bonds the mounting member to the inner sheet surface. The bond
created is sufficiently strong such that application of a load sufficient to cause a
15 failure results in a failure other than in the adhesion of the adhesive to the mounting
member and the panel.

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